

Datasheet for ABIN1538490
anti-PTTG2 antibody (AA 56-84)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	PTTG2
Binding Specificity:	AA 56-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTTG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This PTTG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-84 amino acids from the Central region of human PTTG2.
Clone:	RB35901
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PTTG2
Alternative Name:	PTTG2 (PTTG2 Products)
Molecular Weight:	22302

Target Details

Gene ID:	10744
NCBI Accession:	NP_006598
UniProt:	Q9NZH5

Application Details

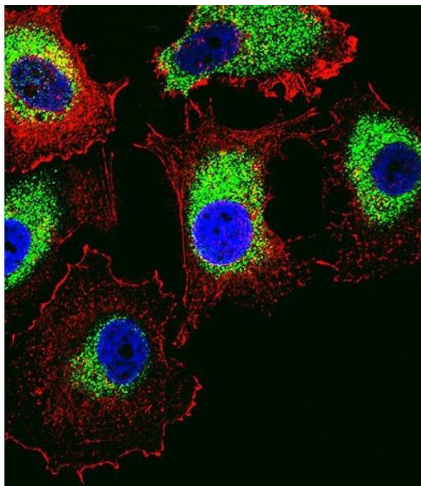
Application Notes:	IF: 1:10~50. WB: 1:2000. WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PTTG2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

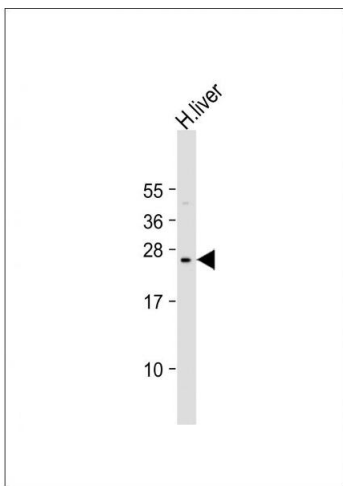
Publications

Product cited in:	Liu, Li, Li, Yang: "Pituitary tumor transforming gene PTTG2 induces psoriasis by regulating vimentin and E-cadherin expression." in: International journal of clinical and experimental pathology , Vol. 8, Issue 9, pp. 10887-93, (2016) (PubMed).
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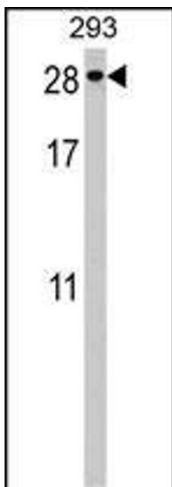
Immunofluorescence

Image 1. Fluorescent confocal image of MCF-7 cell stained with PTTG2 Antibody (Center) (ABIN1538490 and ABIN2848579). MCF-7 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with PTTG2 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). PTTG2 immunoreactivity is localized to Cytoplasm significantly.



Western Blotting

Image 2. Anti-PTTG2 Antibody (Center) at 1:2000 dilution + human liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa. Blocking/Dilution buffer: 5 % NFDN/TBST.



Western Blotting

Image 3. PTTG2 Antibody (Center) (ABIN1538490 and ABIN2848579) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the PTTG2 antibody detected the PTTG2 protein (arrow).